

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/085177 A3

(51) International Patent Classification⁷: **C07D 27/56**,
307/68, 213/73, 333/38, 207/34, 233/90, 487/04, 417/12,
417/14, 405/14, 401/14, 409/14, 403/14, A61K 31/427,
31/4025

(21) International Application Number:
PCT/GB2005/000752

(22) International Filing Date: 1 March 2005 (01.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0404574.6 1 March 2004 (01.03.2004) GB

(71) Applicant (for all designated States except US):
SPIROGEN LIMITED [GB/GB]; 79 George Street,
Ryde, Isle of Wight PO33 2JF (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HOWARD, Philip,**
Wilson [GB/GB]; 3 Westbourne Mews, The Maltings, St
Albans, Hertfordshire AL1 1LS (GB). **WELLS, Geoffrey**
[GB/GB]; Glebe Farm, Hilston, Albrough, Hull, Humber-
side HU11 4QG (GB).

(74) Agents: **WATSON, Robert** et al.; Mewburn Ellis LLP,
York House, 23 Kingsway, London, Greater London
WC2B 6HP (GB).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:
17 November 2005

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: BIARYL AMINO ACIDS AND THEIR USE IN DNA BINDING OLIGOMERS

(57) Abstract: Compounds of formula (I): Z' -CO-A-B-NH-Z (I) wherein: Z is H or an amino protecting group; Z' is OH, a pro-
tected or activated hydroxyl group or Cl; A is an optionally substituted C₅₋₆ arylene group; and B is an optionally substituted C₅₋₆
arylene group.



WO 2005/085177 A3